



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4378

SERIAL NUMBER 10792,328	FILING OR 371(c) DATE 03/03/2004 RULE	CLASS 428	GROUP ART UNIT 1773	ATTORNEY DOCKET NO. 3123-548
-----------------------------------	---	---------------------	-------------------------------	--

APPLICANTS
 B. Ramamurthy Acharya, Cupertino, CA;
 Jianing Zhou, Fremont, CA;
 Gunn Choe, San Jose, CA;
 Min Zheng, Milpitas, CA;

**** CONTINUING DATA ******* *HLL*
 This appln claims benefit of 60/451,556 03/03/2003 and claims benefit of 60/484,765 07/03/2003

**** FOREIGN APPLICATIONS ******* *# none*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
**** 05/24/2004**

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature <i>[Signature]</i> Initials	STATE OR COUNTRY CA	SHEETS DRAWING 9	TOTAL CLAIMS 41	INDEPENDENT CLAIMS 3
--	---	-------------------------------	----------------------------	---------------------------	--------------------------------

ADDRESS
 Marsh Fischmann & Breyfogle LLP
 Suite 411
 3151 South Vaughn Way
 Aurora, CO80014

TITLE
 Soft magnetic underlayer with exchange coupling induced anisotropy for perpendicular magnetic recording media

FILING FEE RECEIVED 1278	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---